

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (previously presented) A process for the preparation of alkylated dihydroxybenzene, said process comprising alkylating dihydroxybenzene with a tertiary butyl alcohol in the presence of modified montmorillonite K-10 solid acid catalyst at a temperature in the range of 40 to 90°C for a time period in the range of 2 to 8 hours, separating the alkylated dihydroxybenzene.
2. (Original) The Process of claim 1 wherein the dihydroxybenzene to be alkylated is selected from the group consisting of resorcinol, hydroquinone and catechol.
3. (Cancelled)
4. (Original) The process of claim 1 wherein the process is carried out at a temperature between about 60°C to 90°C.
5. (Original) The process of claim 1 wherein the process is carried out for a time period between about 6 to 8 hours.
6. (new) A process for the preparation of alkylated dihydroxybenzene, said process comprising alkylating dihydroxybenzene with a tertiary butyl alcohol in the presence of a montmorillonite K-10 solid acid catalyst at a temperature in the range of 40 to 90°C for a time period in the range of 2 to 8 hours, and separating the alkylated dihydroxybenzene.
7. (new) The Process of claim 6 wherein the dihydroxybenzene to be alkylated is selected from the group consisting of resorcinol, hydroquinone and catechol.
8. (new) The process of claim 6 wherein the process is carried out at a temperature between about 60°C to 90°C.

9. (new) The process of claim 6 wherein the process is carried out for a time period between about 6 to 8 hours.